Inventory, Monitoring & Research Needs for Habitats	State-wide (across all habitats)	Forested Habitats	Non-forested Terrestrial Habitats	Wetland Habitats	Freshwater Habitats	Estuarine Habitats	Marine Habitat	Urban
Research and develop sampling protocols, especially for mammals, freshwater fish, herps and beetles	X							
Identify priority sites for survey, especially for freshwater fish and invertebrates	X							
Survey GCN species at priority sites	X							
Identify breeding locations and geographic distribution, especially for invertebrates	X							
Identify other critical habitats	X							
Determine geographic distribution of GCN species, especially invertebrates	X							
Determine relative abundance of GCN species, especially freshwater fish and invertebrates	X							
On-going assessment of threats to GCN species and key habitats	X							
Identify focal areas or defensible populations for focal species/area approach to conservation	X							
Identify priority issues specific for all parcels in focal area	X							
Identify key unprotected parcels in focal areas	X							
Obtain remote sensing data at periodic intervals for updates to landscape-level monitoring	X							
Determine variables suitable for measuring environmental/patch quality at the landscape level	X							
Develop algorithm to measure fragmentation at the landscape level	X							
Research and develop sampling protocols, especially for GCN bird species		X	X	X[4]				
Identify concentration areas for non-breeding populations		X	X	X	X	X	X	X
Identify chemical sources and compounds of concern		X	X	X	X	X		X
Determine lethal and non-lethal effects of chemicals		X	X	X	X	X		X
Facilitate research to identify and mitigate disease potential		X	X	X	X	X		X
Identify areas of significant road effects		X	X	X	X	X		X
Assess means to mitigate road effects		X	X	X	X	X		X
Identify priority parcels to retain as core forest areas with minimal management		X		X[5]				
Identify priority parcels needing seral-stage management,		X	X	X				

especially for Lepidoptera habitat							
Identify suitable restoration projects for Lepidoptera and/or Mussel habitat	X	X	X	X			X
Evaluate need for nesting structures/boxes and identify priority sites for management	X	X[2]	X[4]	X	X		X
Evaluate existing significant hibernacula	X			X			
Evaluate need for nesting substrate and identify priority sites for management	X[1]			X			
Evaluate need for specialty cover types, especially for Lepidoptera, and identify priority sites for management	X	X[3]	X	X	X		X
Identify potential damaging exotic plants	X	X	X	X			
Identify priority areas for invasive plant management	X	X	X	X			
Research invasive species management and monitoring protocols	X	X	X	X			
Evaluate need for predator control intervention for priority species	X	X	X	X	X		
Research additional habitat use issues	X	X		X	X		
Evaluate nutritional value of exotic fruit-bearing plants	X	X[3]		X	X		
Evaluate use of migratory stopover/winter habitat	X	X[3]		X	X		
Assess taxonomy/population relationships	X	X		X	X		
Determine metapopulation structure	X	X[3]		X	X		
Identify and assess available breeding habitat for amphibians (seasonal pond project)				X	X		
Evaluate feasibility and efficacy of making additional amphibian breeding habitat				X	X		
Evaluate water quality effects on priority species				X	X	X	
Assess effects of water releases at dams				X	X	X	
Assess effects of water withdrawals				X	X	X	
Assess effects of prolonged drawdowns				X	X	X	
Assess effects of sedimentation				X	X	X	
Assess effects of stream bank disturbance				X	X	X	
Identify potential damaging aquatic invasives and exotics				X[6]	X	X	
Assess threat from fish				X[6]	X	X	
Investigate feasibility of altering hydrology of certain wetlands				X[6]	X	X	
Assess pathways of introduction from water gardens and mail order				X[6]	X	X	

[1] Evergreen & Deciduous Forests ONLY, not Other Forests
[2] Agricultural/Grasslands & Sparsely Vegetated ONLY, not Early Successional
[3] Agricultural/Grasslands & Early Successional ONLY, not Sparsely Vegetated
[4] Forested and Shrub wetlands ONLY, not Emergent Wetlands
[4] Forested wetlands ONLY, not Shrub & Emergent Wetlands
[4] Emergent wetlands ONLY, not Forested and Shrub Wetlands